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MARION JOSEPH BERGIN
(1927 -)

NOTES, CORRESPONDENCE, PAPERS

1955 - 1976

(5.7 linear ft., 18 map folders, and 30 rolled maps)

Marion J. Bergin was born in Lavoye, Wyoming, in 1927. He earned a BS from the University of Wyoming in 1951. Bergin joined the staff of the USGS in 1951 and remained with the agency until his retirement in 1992. His primary area of research was the geology of mineral fuels.

INVENTORY

By

Clay M. Martin
U.S. Geological Survey Field Records Collection
MS 914, Box 25046, Federal Center
Denver, CO 80225-0046
December 2010

Location of Field Notebooks: CS-6: 1-2

GEOLOGY AND URANIUM IN THE MAYBELL-LAY AREA, MOFFAT COUNTY, COLORADO. 1955-1957.

<u>Item Number</u>	<u>Description</u>
NO-07733	<p>Expandable envelope with three folders:</p> <ul style="list-style-type: none">- Folder 1. Two field notebooks with survey data and geologic notes related to plane-table mapping in the Maybell-Lay area, Colorado. 1955.- Folder 2. Three groups of field notebook pages with geologic notes and sketches related to field investigation of uranium resources and stratigraphy in the Maybell-Lay area, Colorado. 1955.- Folder 3. Sample analysis data related to field investigation of the Maybell-Lay area, Colorado.
NO-07734	<p>Two expandable envelopes with three folders:</p> <ul style="list-style-type: none">- Folder 1. Nine groups of cards with sample analysis data related to field investigation of the Buffalo Head claims, Cedar claims, Ghost (Henderson) claims, Lay Creek area, Marge Mine, Orr claims, Spring Creek area, and Sugarloaf Mine, Maybell-Lay area, Colorado.- Folder 2. Two groups of cards with sample analysis data related to bulk water sampling and field investigation of the Gertrude Mine, Maybell-Lay area, Colorado. Also included are three cards with notes on mathematical conversion and sample data coding.- Folder 3. Group of cards with sample analysis data related to field investigation of the Gertrude Discovery Pit, Maybell-Lay area, Colorado.
NO-07735	<p>Two expandable envelopes with five folders:</p> <ul style="list-style-type: none">- Folder 1. Miscellaneous correspondence, reviewer's notes, and forms related the preparation of a report entitled "Geology and uranium occurrences in the Maybell-Lay area, Moffat County, Colorado", by M.J. Bergin. 1960.- Folder 2. Pages 1 through 67 of a report entitled "Geology and uranium occurrences in the Maybell-Lay area, Moffat County, Colorado", by M.J. Bergin. Also included are drafts of a press release and monthly notice related to the report.- Folder 3. Pages 68 through 219 (including appendices) of a report entitled "Geology and uranium occurrences in the Maybell-Lay area, Moffat County, Colorado", by M.J. Bergin.- Folder 4. Correspondence and draft text related to Don L. Healey's contribution of seismic investigation data to Bergin's report on geology and uranium occurrences in the Maybell-Lay area, Colorado.- Folder 5. Draft copies of illustrations and tables related to Bergin's report on geology and uranium occurrences in the Maybell-Lay area, Colorado.
NO-07736	<p>Four expandable envelopes with a total of 294 black and white aerial photographs, some with annotations, covering the Maybell-Lay area, Colorado.</p>

- MA-01514 Map folder with 25 items:
- Geologic map of part of Moffat County, Colorado, and southern Sweetwater County, Wyoming, with annotations.
 - Twenty-three sheets with draft versions of plates, figures, and tables meant to accompany a report on the geology and mineral resources of the Maybell-Lay area, Moffat County, Colorado.
- MA-01515 Map folder with three sheets of composite photos, each consisting of 12 black and white, 10 x 10-inch aerial photographic prints mounted on linen, with annotations. All three sheets are labeled "ALJ Upper Colorado and Green River area", and are individually labeled as quadrangles 18, 19, and 20.
- MA-01516 Map folder with three sheets of composite photos, each consisting of 12 black and white, 10 x 10-inch aerial photographic prints mounted on linen, with annotations. All three sheets are labeled "ALJ Upper Colorado and Green River area", and are individually labeled as quadrangles 30, 31, and 32.
- MA-01517 Map folder with seven items:
- Sheet with plan and cross-section views of adits at the Sugarloaf Mine.
 - Cross-section diagram of the Gertrude Discovery Pit.
 - Sheet with plan and cross-section views of the Gertrude Mine.
 - Sheet with plan and cross-section views of the Marge Mine.
 - Geologic map of the Maybell-Lay area, Moffat County, Colorado.
 - Two copies of a diagram with four structural cross-sections of the Maybell-Lay area, Moffat County, Colorado.
- MA-01518 Map folder with 30 miscellaneous draft illustrations, maps, and diagrams related to M.J. Bergin's published and unpublished reports on the geology and mineral resources of the Maybell-Lay area, Moffat County, Colorado, particularly the Marge, Gertrude, Ghost, and Sugarloaf Mines.
- RM-00025 Map roll with five originals of illustrations related to investigations of geology and mineral resources of the Maybell-Lay area, Moffat County, Colorado, some of which were used in USGS Open-file report 59-7..

Published as: U.S. Geological Survey. Open-file report 59-7. 1959.

GEOLOGY OF THE NORTHERN ANTHRACITE FIELD, LUZERNE AND LACKAWANNA COUNTIES, PENNSYLVANIA. 1956-1976.

- NO-07729 Expandable envelope with one 35-page and one 72-page draft copy of a report entitled "Preliminary report on the geology of the Wyoming Valley, Northern Anthracite Field, Luzerne and Lackawanna Counties, Pennsylvania (and

administrative report to the Corps of Engineers, U.S. Army)", by M.J. Bergin and J.F. Robinson.

- NO-07730 Seven archival boxes with approximately 12,000 index cards with drill hole logs related to investigation of glacial fill strata and other geologic features in the Susquehanna River Valley, Pennsylvania.
- NO-07737 M.J. Bergin. Field notebook with geologic notes related to field investigation of the Wilkes-Barre area, Luzerne County, Pennsylvania. 1967.
- NO-07738 M.J. Bergin. Field notebook with geologic notes related to field investigation of the Wilkes-Barre area, Luzerne County, Pennsylvania. 1970, 1974.
- NO-07739 M.J. Bergin and J.F. Robertson. Field notebook pages with geologic notes and sketches related to field investigation of the Wilkes-Barre area, Luzerne County, Pennsylvania. No date.
- NO-07740 M.J. Bergin and J. Soren. Field notebook pages with geologic notes and sketches related to coal mine drainage projects in the Wilkes-Barre vicinity, Luzerne County, Pennsylvania. 1957.
- NO-07741 M.J. Bergin and T.M. Kehn. Field notebook pages with geologic notes and sketches related to coal mine drainage projects in the Wilkes-Barre vicinity, Luzerne County, Pennsylvania. 1957.
- NO-07742 M.J. Bergin and L. McNay. Field notebook pages with geologic notes and sketches related to Flood Control Project 3453, Wilkes-Barre vicinity, Luzerne County, Pennsylvania. 1961-1964.
- NO-07743 M.J. Bergin and T.M. Kehn. Field notebook pages with stratigraphic section notes related to Flood Control Project 3453, Wilkes-Barre vicinity, Luzerne County, Pennsylvania. 1960-1964.
- NO-07744 Expandable envelope with 36 negative-image transparencies with cross-section diagrams of coal-bearing rocks in Wyoming Valley, Pennsylvania. Note: this material is labeled "Company Confidential-Official Use Only".
- NO-07745 Envelope with one folder of miscellaneous research material related to coal bed correlation and stratigraphy in the Northern Anthracite Field, Pennsylvania.
- NO-07746 Four expandable envelopes with a total of 239 black and white aerial photographs, some with annotations, covering the area from Shickshinny to Wilkes-Barre, Luzerne County, Pennsylvania. Photos dated 1950.
- NO-07747 Four expandable envelopes with a total of 218 black and white aerial

photographs, some with annotations, covering the area from Wilkes-Barre to Pittston, Luzerne County, Pennsylvania. Photos dated 1950.

- NO-07748 Four expandable envelopes with a total of 358 black and white aerial photographs, some with annotations, covering the Berwick, Freeland, Kingston, Nanticoke, Olyphant, Scranton, Shickshinny, Sybertsville, White Haven, and Wilkes-Barre areas, Columbia, Lackawanna, and Luzerne Counties, Pennsylvania. Photos dated 1966.
- NO-07749 Archival box with 34 strip logs with stratigraphic section data for the Northern Anthracite Field, Pennsylvania.
- MA-01340 Map folder with five items:
- Three annotated copies of a preliminary geologic map of the Kingston and Pittston 7.5' quadrangles, Pennsylvania.
 - Two annotated copies of a preliminary geologic map of the Wilkes-Barre East and Wilkes-Barre West 7.5' quadrangles, Pennsylvania.
- MA-01511 Map folder with 15 draft copies of plates to accompany M.J. Bergin's "Preliminary report on the geology of the Wyoming Valley, Northern Anthracite Field, Luzerne and Lackawanna Counties, Pennsylvania", an administrative report prepared for the U.S. Army Corps of Engineers (1962).
- MA-01519 Map folder with 63 mine and geologic maps (most are reverse-image prints on acetate) related to field investigation of the Northern Anthracite Field, Wyoming. Many of the maps are labeled "2nd Pennsylvania Survey".
- MA-01520 Map folder with five negative-image diagrams on acetate with geologic cross-sections. All are labeled "Northern Anthracite Field 2nd Penna. Survey".
- MA-01521 Map folder with 14 items:
- Six photomosaic indexes showing aerial photography coverage circa 1950 in Luzerne and Lackawanna Counties, Pennsylvania.
 - USGS topographic index for Pennsylvania showing aerial photography data.
 - Index sheet showing "Panels 1-6" in the Nanticoke-Wilkes-Barre-Pittston area, Pennsylvania.
 - Six sheets with geologic cross-section diagrams for the Northern Anthracite Field, Pennsylvania.
- MA-01522 Map folder with six items:
- Two reproductions on drafting film of the Kingston 7.5' quadrangle, Pennsylvania, with annotations.
 - Two reproductions on drafting film of the Pittston 7.5' quadrangle, Pennsylvania, with annotations.
 - Reproduction on drafting film of the Wilkes-Barre East 7.5' quadrangle, Pennsylvania, with annotations.

- Reproduction on drafting film of the Wilkes-Barre West 7.5' quadrangle, Pennsylvania, with annotations.

- MA-01523 Map folder with 36 items:
- One copy, each, of the Freeland, Shickshinny, Sybertsville, and Wilkes-Barre East 7.5' quadrangles, Pennsylvania, with annotations.
 - Two copies, each, of the Avoca, Forest City, and Pittston 7.5' quadrangles, Pennsylvania, with annotations.
 - Three copies of the Kingston 7.5' quadrangle, Pennsylvania, with annotations.
 - Five copies, each, of the Scranton and Wilkes-Barre West 7.5' quadrangles, Pennsylvania, with annotations.
 - Six copies of the Nanticoke 7.5' quadrangle, Pennsylvania, with annotations.
 - Seven copies of the Olyphant 7.5' quadrangle, Pennsylvania, with annotations.
- MA-01524 Map folder with seven items:
- Two maps showing coal company lands and leases in the Wyoming Valley and vicinity, Pennsylvania.
 - Four maps composed of joined sections of 7.5' quadrangles, showing structure contours and cross-section diagram orientations for the Wyoming Valley, Pennsylvania.
- MA-01525 Map folder with 82 sheets and strip logs with stratigraphic cross-section diagrams related to field investigation of the Northern Anthracite Field, Pennsylvania.
- MA-01526 Map folder with eight sheets of compilation maps based on the Kingston, Pittston, Wilkes-Barre East, and Wilkes-Barre West 7.5' quadrangles, Pennsylvania, showing structure contours on the Hillman and Pittston coal beds.
- MA-01527 Map folder with a drafting-film copy, in four sections, of a map entitled "Structure contour map of the Red Ash Coal Bed, Wyoming Valley, Northern Anthracite Field, Pennsylvania". Note: this folder is marked "For Official Use Only".
- RM-00026 Map roll with 15 drafting-film originals of plates 7A through 7C and 8A through 8D from M.J. Bergin's "Preliminary report on the geology of the Wyoming Valley, Northern Anthracite Field, Luzerne and Lackawanna Counties, Pennsylvania", an administrative report prepared for the U.S. Army Corps of Engineers (1962).
- RM-00027 Map roll with ten maps on drafting film, scale 1:10,000, showing coal beds and structure contours in anthracite-bearing areas in the Kingston, Pittston, Wilkes-Barre East, and Wilkes-Barre West 7.5' quadrangles, Pennsylvania.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-753. 1973.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-838. 1976.

**BEDROCK GEOLOGY OF THE PENN YAN AND KEUKA PARK
QUADRANGLES, YATES AND STEUBEN COUNTIES, NEW YORK.
1958-1959.**

- NO-07716 Expandable envelope with six folders:
- Folder 1. M.J. Bergin. Group of field notebook pages with geologic notes and stratigraphic section data related to field work in the Penn Yan and Keuka Park 7.5' quadrangles, New York. 1959.
 - Folder 2. M.J. Bergin. Group of field notebook pages with geologic notes and stratigraphic section data related to field work in the Keuka Park 7.5' quadrangle, New York. 1958.
 - Folder 3. M.J. Bergin. Group of field notebook pages with geologic notes and stratigraphic section data related to field work in the Wayne 7.5' quadrangle, New York. 1958.
 - Folder 4. M.J. Bergin. One field notebook page with geologic notes related to field work in the Potter 7.5' quadrangle, New York. No date.
 - Folder 5. M.J. Bergin. One field notebook page with geologic notes related to field work in the Dresden 7.5' quadrangle, New York. 1959.
 - Folder 6. Group of field notebook pages with survey data related to mapping in the Penn Yan, Keuka Park, Wayne, Potter, and Dresden 7.5' quadrangles, New York. 1958-1959.

Published as: U.S. Geological Survey. Bulletin 1161-G. 1964.

**ACID MINE WATER POLLUTION, BLACK CREEK WATERSHED,
LUZERNE COUNTY, PENNSYLVANIA. 1965-1968.**

- NO-07731 Two expandable envelopes with 10 folders:
- Folder 1. M.J. Bergin. Group of field notebook pages with geologic notes related to field investigation of acid mine water pollution in the Black Creek watershed, Pennsylvania. 1965.
 - Folder 2. Drill hole logs and other data related to field investigation of acid mine water pollution in the Black Creek watershed, Pennsylvania.
 - Folders 3-10. A total of 65 black and white aerial photographs, some with annotations, covering the Black Creek watershed, Pennsylvania. Photos dated 1967.
- NO-07732 Expandable envelope with three folders:
- Folder 1. Draft copy of a 26-page report entitled "Geology of the Black Creek watershed near Mocanaqua, Luzerne County, Pennsylvania", by M.J. Bergin, a USGS administrative report prepared for the Federal Water Pollution Control Administration. 1968.
 - Folder 2. Draft copy of a 177-page report entitled "Geology, hydrology, and

geochemistry of the black Cree watershed near Mocanaqua, Luzerne County, Pennsylvania", by T.G. Newport, H.E. Koester, and M.J. Bergin. 1968.

- Folder 3. Group of draft copies of illustrations and diagrams to accompany report in Folder 2.

MA-01512 Map folder with 34 preliminary copies of maps, diagrams, and tables used as illustration for the reports in NO-07732.

MA-01513 Map folder with 16 preliminary copies of maps and diagrams used as illustrations for the reports in NO-07732.